



COLD WORK  
TOOL STEEL



## SHAPING HEALTH: BÖHLER K340 ISODUR

The all-rounder for packaging and pharmaceutical applications

### BÖHLER K340 ISODUR®

**BÖHLER K340 ISODUR**, an 8% chromium steel, is produced using the electro-slag remelting (ESR) method. This by voestalpine BÖHLER developed and proven remelting technology, ensures extremely low micro and macro segregations and gives the material the purity and homogeneity necessary for excellent performance in practice.

#### KEY REASONS

- » Outstanding toughness
- » Excellent compressive strength
- » Very good machinability due to homogeneous structure
- » Smaller dimensional changes

**BÖHLER K340 ISODUR** is particularly suitable for the following application areas:

- » Stamping
- » Blanking
- » Cold forming
- » Industry knives

#### PROPERTIES AND BENEFITS

Outstanding performance and material properties make BÖHLER K340 ISODUR so cost-effective.

#### Advantages for tool & die production

- » Outstanding electrical discharge machining
- » Excellent dimensional stability
- » Very good machinability
- » Very good nitridability
- » Very good coatability

#### Advantages in tool & die use

- » Excellent adhesive wear resistance
- » Excellent compressive strength
- » Easy regrinding
- » High cutting edge retention
- » Consistently high component precision
- » Safety against breakage or failure in use
- » Reproducible tool parameters